AMENDMENTS TO THE CLAIMS

1. (Original): The compound of the general formula (1):

wherein

W, X and Y are all CH and Z is N; R is halo;

R¹ is aryl, heteroaryl, morpholino, piperidino or pyrrolidino; R² is NR³R⁴,

 R^3 and R^4 are independently H, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, aryl, aryl, aryl(C_{1-8})alkyl, C_{3-8} cycloalkyl, C_{3-8} cycloalkyl, C_{3-8} cycloalkyl, heteroaryl, heteroaryl(C_{1-8})alkyl, NR^5R^6 , provided that not both R^3 and R^4 are H or NR^5R^6 , or

 R^3 and R^4 together form a C_{3-7} alkylene or C_{3-7} alkenylene chain optionally substituted with one or more C_{1-4} alkyl or C_{1-4} alkoxy groups, or,

together with the nitrogen atom to which they are attached, R^3 and R^4 form a morpholine, thiomorpholine S-oxide or thiomorpholine S-dioxide ring or a piperazine or piperazine N-(C_{1-4})alkyl (especially N-methyl) ring; and

 R^5 and R^6 are independently H, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, aryl, aryl(C_{1-8})alkyl, C_{3-8} cycloalkyl, C_{3-8} cycloalkyl, C_{3-8} cycloalkyl, heteroaryl or hetero-aryl(C_{1-8})alkyl;

any of the foregoing alkyl, alkenyl, alkynyl or cycloalkyl groups or moieties (other than for R^8) being optionally substituted with halogen, cyano, C_{1-6} alkoxy, C_{1-6} alkylcarbonyl, C_{1-6} alkoxycarbonyl, C_{1-6} haloalkoxy, C_{1-6} alkylthio, tri(C_{1-4})alkylsilyl, C_{1-6} alkylamino or C_{1-6} dialkylamino,

any of the foregoing morpholine, thiomorpholine, piperidine, piperazine and pyrrolidine rings being optionally substituted with C_{1-4} alkyl (especially methyl), and

any of the foregoing aryl or heteroaryl groups or moieties being optionally substituted with one or more substituents selected from halo, hydroxy, mercapto, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkoxy, C_{2-6} alkenyloxy, C_{2-6} alkynyloxy, halo(C_{1-6})alkyl, halo(C_{1-6})alkoxy, C_{1-6} alkylthio, halo(C_{1-6})alkylthio, hydroxy(C_{1-6})alkyl, C_{1-6} alkyl, C_{3-6} cycloalkyl(C_{1-6})alkyl, phenoxy, benzyloxy, benzoyloxy, cyano, isocyano, thiocyanato, isothiocyanato, nitro, -NR'''R'''', -NHCOR''', -NHCONR'''R'''', -CONR'''R'''', -SO₂R''', -OSO₂R''', -COR''', -CR'''=NR'''' or -N=CR'''R'''', in which R''' and R'''' are independently hydrogen, C_{1-4} alkyl, halo(C_{1-4})alkyl, C_{1-4} alkoxy, halo(C_{1-4})alkoxy, C_{1-4} alkylthio, C_{3-6} cycloalkyl, C_{3-6} cycloalkyl(C_{1-4})alkyl, phenyl or benzyl, the phenyl and benzyl groups being optionally substituted with halogen, C_{1-4} alkyl or C_{1-4} alkoxy.

(Original): A compound according claim 1 wherein R³ is C¹₃ alkyl, halo(C¹₃)alkyl, hydroxy(C¹₃)alkyl, C¹₄ alkoxy(C¹₃)alkyl, C¹₄ alkoxyhalo(C¹₃)alkyl, tri(C¹₄)alkylsilyl(C¹₃)alkyl, C¹₄ alkylcarbonyl(C¹₃)alkyl, C¹₄ alkylcarbonylhalo(C¹₃)alkyl, phenyl(¹₄)alkyl, C²₃ alkenyl, halo(C₂₃)alkenyl, C²₃ alkynyl, C₃₃ cycloalkyl optionally substituted with chloro, fluoro or methyl, C₃₃ cycloalkyl-(C¹₄)alkyl, phenylamino, piperidino or morpholino, the phenyl ring of phenylalkyl or phenylamino being optionally substituted with one, two or three substituents selected from halo, C¹₄ alkyl, halo(C¹₄)alkyl, C¹₄ alkoxy and halo(C¹₄)alkoxy; and

 R^4 is H, C_{1-4} alkyl, halo(C_{1-4})alkyl or amino, or

 R^3 and R^4 together form a C_{3-7} alkylene or C_{3-7} alkenylene chain optionally substituted with methyl, or,

together with the nitrogen atom to which they are attached, R^3 and R^4 form a morpholine, thiomorpholine S-oxide or thiomorpholine S-dioxide ring or a piperazine or piperazine N-(C_{1-4})alkyl (especially N-methyl) ring, in which the morpholine or piperazine rings are optionally substituted with methyl.

- 3. (Currently Amended): A compound according to claim1 er 2 claims wherein R¹ is phenyl optionally substituted with from one to five halogen atoms or with from one to three substituents selected from halo, C₁₄ alkyl, halo(C₁₄)alkyl, C₁₄ alkoxy or halo(C₁₄)-alkoxy, pyridyl optionally substituted with from one to four halogen atoms or with from one to three substituents selected from halo, C₁₄ alkyl, halo(C₁₄)alkyl, C₁₄alkoxy or halo(C₁₄)-alkoxy, 2- or 3-thienyl optionally substituted with from one to three halogen atoms or with from one to three substituents selected from halo, C₁₄alkyl, halo(C₁₄)alkyl, C₁₄ alkoxy or halo(C₁₄)alkoxy, or piperidino or morpholino both optionally substituted with one or two methyl groups.
- 4. (Original): A compound according to claim 3 wherein R¹ is 2,6-difluorophenyl, 2-fluoro-6-chlorophenyl, 2,5,6-trifluorophenyl, 2,4,6-trifluorophenyl, 2,6-difluoro-4-methoxyphenyl or pentafluorophenyl.
- (Original): A compound according to claim 1 wherein W, X and Y are all CH and Z is N; R is halo, R¹ is aryl, heteroaryl, morpholino, piperidino or pyrrolidino; R² is NR³R⁴; R³ and R⁴ are independently H, C₁-8 alkyl, C₂-8 alkenyl, C₂-8 alkynyl, aryl, aryl, aryl(C₁-8)alkyl, C₃-8 cycloalkyl, C₃-8 cycloalkyl, C₃-8 cycloalkyl, C₃-8 cycloalkyl, heteroaryl, heteroaryl, NR⁵R⁶, provided that

not both R³ and R⁴ are H or NR⁵R⁶, or

 R^3 and R^4 together form a C_{3-7} alkylene or C_{3-7} alkenylene chain optionally substituted with one or more C_{1-4} alkyl or C_{1-4} alkoxy groups, or,

together with the nitrogen atom to which they are attached, R^3 and R^4 form a morpholine, thiomorpholine S-oxide or thiomorpholine S-dioxide ring or a piperazine or piperazine N-(C_{1-4})alkyl (especially N-methyl) ring; and

 R^5 and R^6 are independently H, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, aryl, aryl(C_{1-8})alkyl, C_{3-8} cycloalkyl, C_{3-8} cycloalkyl, C_{3-8} cycloalkyl, heteroaryl or heteroaryl(C_{1-8})alkyl;

any of the foregoing alkyl, alkenyl, alkynyl or cycloalkyl groups or moieties being optionally substituted with halogen, cyano, $C_{1.6}$ alkoxy, $C_{1.6}$ alkylcarbonyl, $C_{1.6}$ alkoxycarbonyl, $C_{1.6}$ haloalkoxy, $C_{1.6}$ alkylthio, tri($C_{1.4}$)alkylsilyl, $C_{1.6}$ alkylamino or $C_{1.6}$ dialkylamino, any of the foregoing morpholine, thiomorpholine, piperidine, piperazine and pyrrolidine rings being optionally substituted with $C_{1.4}$ alkyl (especially methyl), and any of the foregoing aryl, heteroaryl, aryloxy or heteroaryl groups being optionally substituted with one or more substituents selected from halo, hydroxy, mercapto, $C_{1.6}$ alkyl, $C_{2.6}$ alkenyl, $C_{2.6}$ alkenyloxy, $C_{2.6}$ alkenyloxy, $C_{2.6}$ alkenyloxy, halo($C_{1.6}$)alkyl, halo($C_{1.6}$)alkoxy, $C_{1.6}$ alkylthio, hydroxy($C_{1.6}$)alkyl, $C_{1.4}$ alkoxy($C_{1.6}$)alkyl, $C_{3.6}$ cycloalkyl, $C_{3.6}$ cycloalkyl($C_{1.4}$)-alkyl, phenoxy, benzyloxy, benzoyloxy, cyano, isocyano, thiocyanato, isothiocyanato, nitro, -NR'''R'''', -NHCOR''', -NHCONR'''R'''', -CONR'''R'''', -SO_2R''', -OSO_2R''', -COR''', -CR'''=NR'''' or -N=CR'''R'''', in which R''' and R'''' are independently hydrogen, $C_{1.4}$ alkyl, halo($C_{1.4}$)alkyl, $C_{1.4}$ alkoxy, halo($C_{1.4}$)alkyl, or $C_{1.4}$ alkoxy, halo($C_{1.4}$)alkoxy, $C_{1.4}$ alkylthio, $C_{3.6}$ cycloalkyl, $C_{3.6}$ cycloalkyl($C_{1.4}$)alkyl, phenyl or benzyl, the phenyl and benzyl groups being optionally substituted with halogen, $C_{1.4}$ alkyl or $C_{1.4}$ alkoxy.

6. (Original): A compound according to claim 1 wherein W, X and Y are all CH and Z is N; R is halo; R¹ is aryl, heteroaryl, morpholino, piperidino or pyrrolidino; R² is NR³R⁴, R³ is C₁₄ alkyl, halo(C₁₄)alkyl, C₂₄ alkenyl, C₃₆ cycloalkyl, C₃₆ cycloalkyl(C₁₄)alkyl or phenylamino in which the phenyl ring is optionally substituted with one, two or three substituents selected from halo, C₁₄ alkyl, halo(C₁₄)alkyl, C₁₄ alkoxy and halo(C₁₄)alkoxy; and R⁴ is H. C₁₄ alkyl or amino, or

 R^3 and R^4 together form a C_{4-6} alkylene chain optionally substituted with C_{1-4} alkyl or C_{1-4} alkoxy, or

together with the nitrogen atom to which they are attached, R^3 and R^4 form a morpholine, thiomorpholine S-oxide or thiomorpholine S-dioxide ring or a piperazine or piperazine N-(C_{1-4})alkyl (especially N-methyl) ring;

any of the foregoing alkyl, alkenyl, alkynyl or cycloalkyl groups or moieties being optionally substituted with halogen, cyano, C_{1-6} alkoxy, C_{1-6} alkylcarbonyl, C_{1-6} alkoxycarbonyl, C_{1-6} haloalkoxy, C_{1-6} alkylthio, tri(C_{1-4})alkylsilyl, C_{1-6} alkylamino or C_{1-6} dialkylamino, any of the foregoing morpholine, thiomorpholine, piperidine, piperazine and pyrrolidine rings being optionally substituted with C_{1-4} alkyl (especially methyl), and any of the foregoing aryl or heteroaryl groups or moieties being optionally substituted with one or more substituents selected from halo, hydroxy, mercapto, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkoxy, C_{2-6} alkenyloxy, C_{2-6} alkynyloxy, halo(C_{1-6})alkyl, halo(C_{1-6})alkoxy, C_{1-6} alkylthio, halo(C_{1-6})alkyl, C_{3-6} cycloalkyl, C_{3-6} cycloalkyl(C_{1-4})alkyl, phenoxy, benzyloxy, benzoyloxy, cyano, isocyano, thiocyanato, isothiocyanato, nitro, -NR'''R'''', -NHCOR''', -NHCONR'''R'''', -CONR'''R'''', -SO₂R''', -OSO₂R''', -COR''', -CR'''=NR'''' or -N=CR'''R'''', in which R''' and R'''' are independently hydrogen, C_{1-4} alkyl, halo(C_{1-4})alkyl, phenyl or benzyl, the phenyl and benzyl groups being optionally substituted with halogen, C_{1-4} alkyl or C_{1-4} alkoxy.

7. (Original): A compound according to claim 1 wherein one of W, X and Y are all CH and Z is N;

R is halo; R¹ is optionally substituted phenyl; R² is NR³R⁴,

 R^3 and R^4 are independently H, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, aryl, aryl(C_{1-8})alkyl, C_{3-8} cycloalkyl, C_{3-8} cycloalkyl(C_{1-6})alkyl, heteroaryl, heteroaryl(C_{1-8})alkyl, R^5R^6 , provided that not both R^3 and R^4 are H or R^5R^6 , or

 R^3 and R^4 together form a C_{3-7} alkylene or C_{3-7} alkenylene chain optionally substituted with one or more C_{1-4} alkyl or C_{1-4} alkoxy groups, or,

together with the nitrogen atom to which they are attached, R^3 and R^4 form a morpholine, thiomorpholine S-oxide or thiomorpholine S-dioxide ring or a piperazine or piperazine N-(C_{1-4})alkyl (especially N-methyl) ring; and

 R^5 and R^6 are independently H, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, aryl, aryl(C_{1-8})alkyl, C_{3-8} cycloalkyl, C_{3-8} cycloalkyl, C_{3-8} cycloalkyl, C_{3-8} cycloalkyl, heteroaryl or heteroaryl(C_{1-8})alkyl;

any of the foregoing alkyl, alkenyl, alkynyl or cycloalkyl groups or moieties being optionally substituted with halogen, cyano, C_{1-6} alkoxy, C_{1-6} alkylcarbonyl, C_{1-6} alkoxycarbonyl, C_{1-6} haloalkoxy, C_{1-6} alkylthio, tri(C_{1-4})alkylsilyl, C_{1-6} alkylamino or C_{1-6} dialkylamino; any of the foregoing morpholine, thiomorpholine, piperidine, piperazine and pyrrolidine rings being optionally substituted with C_{1-4} alkyl (especially methyl), and any of the foregoing aryl or heteroaryl groups or moieties, including the phenyl group of R^1 , being optionally substituted

with one or more substituents selected from halo, hydroxy, mercapto, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkynyl, C_{1-6} alkenyloxy, C_{2-6} alkenyloxy, C_{2-6} alkynyloxy, halo(C_{1-6})alkyl, halo(C_{1-6})alkoxy, C_{1-6} alkylthio, halo(C_{1-6})alkylthio, hydroxy(C_{1-6})alkyl, C_{1-4} alkoxy(C_{1-6})alkyl, C_{3-6} cycloalkyl(C_{1-4})alkyl, phenoxy, benzyloxy, benzoyloxy, cyano, isocyano, thiocyanato, isothiocyanato, nitro, -NR'''R'''', -NHCOR''', -NHCONR'''R'''', -CONR'''R'''', -SO $_2$ R''', -OSO $_2$ R''', -COR''', -CR'''=NR'''' or -N=CR'''R'''', in which R''' and R'''' are independently hydrogen, C_{1-4} alkyl, halo(C_{1-4})alkyl, C_{1-4} alkoxy, halo(C_{1-4})alkoxy, C_{1-4} alkylthio, C_{3-6} cycloalkyl, C_{3-6} cycloalkyl(C_{1-4})alkyl, phenyl or benzyl, the phenyl and benzyl groups being optionally substituted with halogen, C_{1-4} alkyl or C_{1-4} alkoxy.

8. (Original): A compound according to claim 1 wherein W, X and Y are all CH and Z is N; R is halo; R¹ is phenyl optionally substituted with from one to five halogen atoms or with from one to three substituents selected from halo, C₁₄ alkyl, halo(C₁₄)alkyl, C₁₄alkoxy or halo(C₁₄)-alkoxy, pyridyl optionally substituted with from one to four halogen atoms or with from one to three substituents selected from halo, C₁₄ alkyl, halo(C₁₄)alkyl, C₁₄alkoxy or halo(C₁₄)-alkoxy, 2- or 3-thienyl optionally substituted with from one to three halogen atoms or with from one to three substituents selected from halo, C₁₄alkyl, halo(C₁₄)alkyl, C₁₄ alkoxy or halo(C₁₄)alkoxy, or piperidino or morpholino both optionally substituted with one or two methyl groups; R² is NR³R⁴;

 R^3 is C_{1-8} alkyl, halo(C_{1-8})alkyl, hydroxy(C_{1-8})alkyl, C_{1-4} alkoxy(C_{1-8})alkyl, C_{1-4} alkoxyhalo(C_{1-8})alkyl, tri(C_{1-4})alkylsilyl(C_{1-6})alkyl, C_{1-4} alkylcarbonyl(C_{1-8})alkyl, C_{1-4} alkylcarbonylhalo(C_{1-8})alkyl, phenyl(C_{1-8})alkyl, C_{2-8} alkenyl, halo(C_{2-8})alkenyl, C_{2-8} alkynyl, C_{3-8} cycloalkyl optionally substituted with chloro, fluoro or methyl, C_{3-8} cycloalkyl(C_{1-4})alkyl, phenylamino, piperidino or morpholino, the phenyl ring of phenylalkyl or phenylamino being optionally substituted with one, two or three substituents selected from halo, C_{1-4} alkyl, halo(C_{1-4})alkyl, C_{1-4} alkoxy and halo(C_{1-4})alkoxy; and

 R^4 is H, C_{1-4} alkyl, halo(C_{1-4})alkyl or amino, or

 R^3 and R^4 together form a C_{3-7} alkylene or C_{3-7} alkenylene chain optionally substituted with methyl, or,

together with the nitrogen atom to which they are attached, R^3 and R^4 form a morpholine, thiomorpholine S-oxide or thiomorpholine S-dioxide ring or a piperazine or piperazine N-(C_{1-4})alkyl (especially *N*-methyl) ring, in which the morpholine or piperazine rings are optionally substituted with methyl.

9. (Original): A compound according to claim 1 wherein one of W, X and Y are all CH and Z is N;

R is halo; R^1 is phenyl optionally substituted with from one to five halogen atoms or with from one to three substituents selected from halo, C_{1-4} alkyl, halo(C_{1-4})alkyl, C_{1-4} alkoxy or halo(C_{1-4})alkoxy; R^2 is NR^3R^4 ; R^3 is C_{1-4} alkyl, halo(C_{1-4})alkyl, C_{2-4} alkenyl, C_{3-6} cycloalkyl(C_{1-4})alkyl or phenylamino in which the phenyl ring is optionally substituted with one, two or three substituents selected from halo, C_{1-4} alkyl, halo(C_{1-4})alkyl, C_{1-4} alkoxy and halo(C_{1-4})alkoxy; and

 R^4 is H, C_{1-4} alkyl or amino, or R^3 and R^4 together form a C_{4-6} alkylene chain optionally substituted with methyl, or, together with the nitrogen atom to which they are attached, R^3 and R^4 form a morpholine ring.

10. (Original): A process for preparing a compound of the general formula (1) according to claim 1 wherein one of R is chloro or fluoro and R² is NR³R⁴ and W, X, Y, Z, R¹, R³ and R⁴ are as defined in claim 1, which comprises reacting an amine of the general formula NR³R⁴ with a compound of the general formula (6) or (13):

$$X \longrightarrow CI$$

$$Y \longrightarrow Z$$

$$(6)$$

$$X \longrightarrow R^1$$

$$Y \longrightarrow Z$$

$$(13)$$

wherein W, X, Y, Z and R¹ are as defined in claim1.

- 11. (Original): A plant fungicidal composition comprising a fungicidally effective amount of a compound as defined in claim 1 and a suitable carrier or diluent therefor.
- 12. (Currently Amendment): A method of combating or controlling phytopathogenic fungi which comprises applying to a plant, to a seed of a plant, to the locus of the plant or seed or to soil or to any other plant growth medium, a fungicidally effective amount of a compound according to claim 1 or a composition according to claim 12.